


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PTO/SB/05 (05-03)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Check No. 4041J-000774

First Inventor Mamoru IMOTO

Title Vehicle Air Conditioner

Express Mail Label No. EL 741 124 750 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)

(Submit an original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.

See 37 CFR 1.27.

3. ☒ Specification (Total Pages 38)

(preferred arrangement set forth below)

- Descriptive title of the invention

- Cross References to Related Applications

- Statement Regarding Fed sponsored R & D

- Reference to sequence listing, a table,

or a computer program listing appendix

- Background of the Invention

- Brief Summary of the Invention

- Brief Description of the Drawings (if filed)

- Detailed Description

- Claim(s)

- Abstract of the Disclosure

☒ Specification  
filed in English

4. ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets 12)

5. Oath or Declaration (Total Pages 3)

a. ☒ Newly executed (original or copy)

b. ☐ Copy from a prior application (37 CFR 1.63 (d))

(for a continuation/divisional with Box 18 completed)

i. ☐ DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s)

named in the prior application, see 37 CFR

1.63(d)(2) and 1.33(b).

6. ☒ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or

Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission

(if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. ☐ Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or

ii. ☐ paper

c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))

10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of

(when there is an assignee) Attorney

11. ☐ English Translation Document (if applicable)

12. ☒ Information Disclosure ☒ Copies of IDS

Statement (IDS)/PTO-1449 Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)

(Should be specifically itemized)

15. ☒ Certified Copy of Priority Document(s)

(if foreign priority is claimed)

16. ☐ Request and Non Publication under 35 U.S.C. 122

(b)(2)(B)(i). Applicant must attach form PTO/SB/35

or its equivalent.

17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,

or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation

☐ Divisional

☐ Continuation-in-part (CIP)

Prior application information:

Examiner \_\_\_\_\_

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

27572

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name Harness, Dickey & Pierce, P.L.C.

Address P.O. Box 828

City Bloomfield Hills

State

MI

Zip Code

48303

Country United States of America

Telephone

248-641-1600

Fax

248-641-0270


Name (Print/Type)

H. Keith Miller, Esq.

Registration No. (Attorney/Agent)

22,484

Signature



Date

September 23, 2003

10/668382

09/23/03

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 790

## Complete If Known

Application Number unassigned yet  
Filing Date September 23, 2003  
First Named Inventor Mamoru IMOTO et al  
Examiner Name  
Group / Art Unit  
Attorney Docket No. 4041J-000774

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money ☐ Other ☐ None  
Order

☐ Deposit Account:

Deposit Account Number 08-0750

Deposit Account Name Harness, Dickey & Pierce, P.L.C.

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	750
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$ 750)

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
5	-20**	0	0
Independent Claims	1	-3**	0
Multiple Dependent			0

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description
	1202	18		2202	9	Claims in excess of 20
	1201	84		2201	42	Independent claims in excess of 3
	1203	280		2203	140	Multiple dependent claim, if not paid
	1204	84		2204	42	** Reissue independent claims over original patent
	1205	18		2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1051	130		2051	65	Surcharge - late filing fee or oath	
	1052	50		2052	25	Surcharge - late provisional filing fee or cover sheet	
	1053	130		1053	130	Non-English specification	
	1812	2,520		1812	2,520	For filing a request for reexamination	
	1804	920*		1804	920*	Requesting publication of SIR prior to Examiner action	
	1805	1,840*		1805	1,840*	Requesting publication of SIR after Examiner action	
	1251	110		2251	55	Extension for reply within first month	
	1252	410		2252	205	Extension for reply within second month	
	1253	930		2253	465	Extension for reply within third month	
	1254	1,450		2254	725	Extension for reply within fourth month	
	1255	1,970		2255	985	Extension for reply within fifth month	
	1401	320		2401	160	Notice of Appeal	
	1402	320		2402	160	Filing a brief in support of an appeal	
	1403	280		2403	140	Request for oral hearing	
	1451	1,510		1451	1,510	Petition to institute a public use proceeding	
	1452	110		2452	55	Petition to revive - unavoidable	
	1453	1,300		2453	650	Petition to revive - unintentional	
	1501	1,300		2501	650	Utility issue fee (or reissue)	
	1502	470		2502	235	Design issue fee	
	1503	630		2503	315	Plant issue fee	
	1460	130		1460	130	Petitions to the Commissioner	
	1807	50		1807	50	Processing fee under 37 CFR 1.17 (q)	
	1806	180		1806	180	Submission of Information Disclosure Sheet	
	8021	40		8021	40	Recording each patent assignment per property (times number of properties)	40
	1809	750		2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
	1810	750		2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
	1801	750		2801	375	Request for Continued Examination (RCE)	
	1802	900		1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 40)

## SUBMITTED BY

Name (Print/Type) H. Keith Miller, Esq. Registration No. Attorney/Agent 22,484 Telephone 248-641-1500  
Signature [Signature] Date September 23, 2003

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